



Legend

- wells in EGS project area_pt
- × Proposed areas of interest_pt
- ▲ fumaroles_pt

Alteration Type

- alteration
- calcite stockwork
- silica vein
- sinter
- sinter with hg

Faults_arc

QUALITY

- Approximate
- Approximate (?)
- Inferred
- Inferred (?)
- Known
- Faults (shear zones)_arc
- Roads (Cact Peak04)_arc

Geologic units_poly

Rock Rock Type

- Andesite
- Cataclasite
- Dacite
- Diorite
- Felsic
- Gabbro
- Granite
- Granodiorite
- Mafic
- Metasedimentary
- Metavolcanic
- Quartz_monzonite

Geologic map of the Eastern Flank of the Coso Geothermal Field, in SE California, distinguishing the outcrops of crystalline bedrock, well locations in the Enhanced Geothermal Systems (EGS) project area, and reported hydrothermal alteration. The symbol "X" marks areas of particular interest because of the association of alteration with faults or fractures. The index map shows the location within the area mapped by Duffield and Bacon (1981) and Whitmarsh (1998) which were modified for this figure. Surface alteration features are approximately located based primarily on work by Adams et al. (2000), Echols et al., 1986), Hulen (1978) and personal communication with W. Duffield, C. Bacon, P. Brophy, J. Moor, and M. Adams. Additional alteration features mapped by Roquemore (1981), A. Jayko (personal communication), and J. Unruh (personal communication) are not yet included.